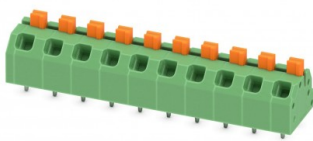


## INDUSTRIAL COMPONENT DATA

# SPTAF 1/ 2-5,0-EL MC BK/WH 1076885 PHOENIX CONTACT

## Terminal for printed circuit board, pitch: 5 mm, number o..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/ 2-5,0-EL MC BK/WH



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPTAF 1/ 2-5,0-EL MC BK/WH     |
| Catalog number  | 1076885                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 1155 Pcs                       |
| Document ID     | EO-87505A1EAA                  |
| Generated       | 2026-08-04                     |

### Product Overview

Terminal for printed circuit board, pitch: 5 mm, number of poles: 2, connection type: spring clamp push-in, mounting:

Soldering by wave, color: multicolor

Terminal block for printed circuit board, nominal current: 16 A, nominal voltage (III/2): 320 V, nominal section: 1.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 2, article family: SPTAF 1/.. -EL, pitch: 5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 45°, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.6mm, number of solder pins per potential: 2, packaging type: boxed PCB terminal, rated current: 16 A, reference voltage (III/2): 320 V, nominal cross-section: 1.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 2, item range: SPTAF 1/.. -EL, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB mating direction: 45 °, color: multicolor, Pin layout: Linear pinout, Spindle length [P]: 2.6 mm, number of pins per potential: 2, packaging type: packed in a carton

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path PHOENIX CONTACT &gt; PCB Connectors (PCC)

### Additional Product Information

Technical characteristicsProduct PropertiesProduct Type Printed circuit board terminal

Product range SPTAF 1/.. -EL

Product Line COMBICON Terminals S

Number of poles 2

Steps 5 mm

Number of rows 1

Pinout plot Linear pinout  
Number of pins per potential 2  
Data Management Status  
Revision of the article 01  
Electrical properties Rated Current IN 16 A  
Rated voltage UN 320 V  
Reference voltage (III/3) 250 V  
Rated Shock Resistance Voltage (III/3) 4 kV  
Rated Voltage (III/2) 320 V  
Rated Shock Withstand Voltage (III/2) 4 kV  
Reference voltage (II/2) 630 V  
Rated Shock Withstand Voltage (II/2) 4 kV  
Connection features Connection technology  
Nominal cross-section 1.5 mm<sup>2</sup>  
Conductor connection  
Connection type Push-in spring connection  
Rigid conductor cross-section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (When connecting and possibly aligning a 1.5 mm<sup>2</sup> rigid conductor, the transverse mechanical forces, which may be exerted on the terminal block, must be compensated for by a lateral support.)  
0.34 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (Push-in connection)  
Soft conductor section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductive section. AWG 24 ... 16  
Soft conductor section with end cap, without plastic bushing 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Conductor connection for open connection point)  
0.5 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Push-in connection)  
Soft conductor section with plastic end cap and socket 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Conductor connection for open connection point)  
0.5 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Push-in connection)  
Stripping length 8 mm  
Mounting Mounting Type Wave Welding  
Pinout plot Linea...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/ 2-5,0-EL MC BK/WH with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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